

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/10136

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ A61K7/46, 7/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ A61K7/06-155, 46

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	WO 98/50011 A1 (THE PROCTER & GAMBLE CO.), 12 November, 1998 (12.11.98), & JP 2001-507371 A & US 5874073 A	1, 3-6 2
X Y	JP 5-310543 A (Kao Corp.), 22 November, 1993 (22.11.93), Full text (Family: none)	1, 3-6 2
X Y	JP 11-139923 A (Kao Corp.), 25 May, 1999 (25.05.99), Full text; particularly, Par. Nos. [0090], [0094]; examples 1, 2, table 3, 5 (Family: none)	1, 3-6 2

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
07 November, 2003 (07.11.03)

Date of mailing of the international search report
25 November, 2003 (25.11.03)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2002-53435 A (Lion Corp.), 19 February, 2002 (19.02.02), Particularly, examples 8, 9 (Family: none)	1, 3-6 2
X Y	JP 2000-191448 A (Lion Corp.), 11 July, 2000 (11.07.00), Particularly, examples 6, 7 (Family: none)	1, 3-6 2
X Y	JP 2001-64120 A (Lion Corp.), 13 March, 2001 (13.03.01), Particularly, example 8 (Family: none)	1, 3-6 2
Y	WO 01/43784 A2 (HAARMANN & REIMER GMBH.), 21 June, 2001 (21.06.01), Claim 1; page 15, lines 1 to 2; page 15, line 29 to page 16, line 2 & JP 2003-516813 A	1-6

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Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
(See extra sheet.)

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest.
☒ No protest accompanied the payment of additional search fees.

Continuation of Box No.II of continuation of first sheet(1)

1. The matter common to claim 1 and claim 3 is a fragrance composition for hair care products having a pH value of 1 to 5. However, such fragrance compositions had been publicly known and thus this point cannot be considered as a technical feature making a contribution over the prior art. Such being the case, it does not appear that claims 1 and 2 and claims 3 to 5 have any technical relationship involving one or more of the same or corresponding special technical features. Such being the case, these inventions are not considered as relating to a group of inventions so linked as to form a single general inventive concept.

2. Claim 1 relates to a fragrance composition which contains the component (A) and (B), or (A) and (C), or (A), (B) and (C) and is to be added to a hair care product having a pH value of 1 to 5. Namely, combinations of the fragrance composition components are described in the alternative form in this claim. The matter common to this claim resides in a fragrance composition which contains 0.1 to 70% by weight of the component (A) and is to be added to a hair care product having a pH value of 1 to 5. As reported in the document presented in this International Search Report, however, a fragrance composition containing 0.1 to 70% by weight of the component (A) and to be added to a hair care product having a pH value of 1 to 5 had been publicly known. Therefore, this point cannot be regarded as a technical feature making a contribution over the prior art. Thus, it appears that the inventions described in claim 1 as alternatives have no technical relationship involving one or more of the same or corresponding special technical features. Such being the case, these inventions are not considered as relating to a group of inventions so linked as to form a single general inventive concept.

3. Claim 3 relates to a fragrance composition which contains at least two components selected from the components (E), (F) and (G) and is to be added to a hair care product having a pH value of 1 to 5. The matter common to this claim resides in a fragrance composition for a hair care product having a pH value of 1 to 5. However, such a fragrance composition is publicly known. Therefore, this point cannot be regarded as a technical feature making a contribution over the prior art. Thus, it appears that the inventions described in claim 3 as alternatives have no technical relationship involving one or more of the same or corresponding special technical features. Such being the case, these inventions are not considered as relating to a group of inventions so linked as to form a single general inventive concept.